



NITFS Compliance Registration



Product: Information Dissemination Services - Direct Delivery (IDS-D), Delivery 21.2
(National Technical Means (NTM))

Date: 04 June 2010

Sponsor: National Geospatial-Intelligence Agency (NGA)

Expiration: 03 June 2012

Registration #: 137

Developer: Company

- ☐ Initial Registration
☒ Supplemental/Update #52
☐ Derived from Reg. #

System
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Product
N-0105/98, §4.1.2

Component
N-0105/98, §4.1.3

Format

- NITF**
☐ V2.1
☒ V2.0
☐ V1.1
NSIF
☐ V1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record

- ☒ Extensions
☒ National SDE - ALL
☒ IOMAPA
☒ ECC
☒ NBLOCA
HISTOA

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☒ JPEG Lossless
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ Bit Mapped **
☐ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ TT1
☐ U8S
☐ MTF

Configurations Tested:

Image formats: Full, IMP, 8/8, and 11/16 bits

- Legend
Interpret
Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

VALERIE BAKER, Lt Col, USAF, Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.